

1. This action is in response to the amendment filed on 07/07/2009 in which claims 2 has been canceled and claims 10-15 are newly added.
2. Applicant's arguments filed on 07/07/2009 have been fully considered and they are persuasive.

Allowable Subject Matter

3. Claims 1, 3-15 are allowable in light of the Applicant's argument and in light of the prior art made of record. Claims 1, 3-15 are renumbered to be claims 1-14.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Dicran Halajian (Reg. No. 39,703) on 01/07/2010.

The claims on the application have been amended as follows:

1.(Currently Amended) A device for recording information in blocks having logical addresses, wherein the device comprises

recording means for recording marks in a track on a record carrier representing the information, and

control means for controlling the recording by locating each block at a physical address in the track, the control means comprising

defect management means for translating the logical addresses into the physical addresses and vice versa in dependence of defect management information in a defect management area according to a predefined recording format,

the defect management information including defect entries indicating locations for replacing defective physical addresses, a read-only state of the record carrier being obtainable via a no-replacement state indicated by substantially none of the defect entries being free for use, and

read-only control means for setting the record carrier to the read-only state by:

reading original replacement information indicating a writable state from the defect management area, the original replacement information at least including at least one defect entry being free for use,

storing the original replacement information in a hidden area, and

modifying the defect management information to the no-replacement state;

wherein the read-only control means include re-open means for resetting the record carrier from the read-only state to the writable state by:

retrieving the original replacement information from the hidden location,

modifying the defect management information to the writable state in dependence of the original replacement information.

Claim 2 (Canceled)

3.(Previously Presented) The device as claimed in claim 1, wherein the defect entries are arranged in defect tables, and the read-only control means are arranged for storing a copy of the defect tables as the original replacement information in the hidden location.

4.(Previously Presented) The device as claimed in claim 1, wherein the defect management information comprises a main information packet having pointers to the defect tables, and the read-only control means are arranged for generating a secondary information packet having pointers to the copy of the defect tables in the hidden location.

5.(Previously Presented) The device as claimed in claim 1, wherein the read-only control means are arranged for storing the original replacement information in the hidden location having a predefined position related to the defect management information including a position of the defect entries in the defect management area.

6.(Previously Presented) The device as claimed in claim 1, wherein the read-only control means are arranged for storing the original replacement information in a file as the hidden location.

7.(Previously Presented) A record carrier for storing information, the record carrier comprising:

information in blocks having logical addresses located at physical addresses in a track,

defect management information in a defect management area according to a predefined recording format, which defect management information provides a relation between the logical addresses and the physical addresses, and includes defect entries indicating locations for replacing defective physical addresses, a read-only state of the record carrier being effected via a no-replacement state indicated by substantially none of the defect entries being free for use, and

original replacement information in a hidden location indicating a writable state of the defect management information, the original replacement information at least including at least one defect entry being free for use,

wherein the record carrier being resettable from the read-only state to the writable state by retrieving the original replacement information from the hidden location, and modifying the defect management information to the writable state in dependence of the original replacement information.

8.(Previously Presented) A method of recording of information in blocks having logical addresses located at a physical address on a record carrier,

the logical addresses corresponding to the physical addresses in dependence of defect management information in a defect management area according to a predefined recording format, wherein the defect management information includes defect entries indicating locations for replacing defective physical addresses,

a read-only state of the record carrier being obtainable via a no-replacement state indicated by substantially none of the defect entries being free for use,

the method comprising the acts of:

setting the record carrier to the read-only state by:

reading original replacement information indicating a writable state from the defect management area, the original replacement information at least including at least one defect entry being free for use,

storing the original replacement information in a hidden location, and

modifying the defect management information to the no-replacement state; and

resetting the record carrier from the read-only state to the writable state by:

retrieving the original replacement information from the hidden location,

modifying the defect management information to the writable state in dependence of the original replacement information.

9.(Currently Amended) A computer readable storage medium embodying a computer program product for recording of information, which program is operative to cause a processor to perform the method as claimed in claim 8.

10.(Previously Presented) The device of claim 1, wherein the control means generates a warning to a user that the record carrier should not be written without use of a special application.

11.(Previously Presented) The device of claim 1, wherein the control means generates a warning to a user that the record carrier is a special record carrier, needing a special application to enable writing to the record carrier.

12.(Previously Presented) The record carrier of claim 7, further comprising warning information to warn a user that the record carrier should not be written without use of a special application.

13.(Previously Presented) The record carrier of claim 7, further comprising warning information to warn a user that the record carrier is a special record carrier, needing a special application to enable writing to the record carrier.

14.(Previously Presented) The method of claim 8, further comprising the act of warning a user that the record carrier is a special record carrier, needing a special application to enable writing to the record carrier.

15.(Previously Presented) The method of claim 8, further comprising the act of warning a user that the record carrier is a special record carrier, needing a special application to enable writing to the record carrier.

Reasons for indicating Allowable Subject Matter

5. The following is a statement of reasons for the indication of allowable subject matter: Upon searching variety of databases, the examiner considers “the read-only control means include re-open means for resetting the record carrier from the read-only state to the writeable state by retrieving the original replacement information from the hidden location and modifying the defect management information to the writable state in dependence of the original replacement information” in claims 1 and 7-8, in conjunction with all other limitations of the dependent and independent claims are not taught nor suggested by the prior art of record (PTO-892). Therefore, claims 1-14 are hereby allowed.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See form 892.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KAMINI PATEL whose telephone number is (571)270-3902. The examiner can normally be reached on Monday to Friday, 6am-3:30pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Scott Baderman can be reached on 571-272-3644. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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